Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Monday 08 Feb 2021 until 23:59 on Tuesday 09 Feb 2021

Forecast Issued on Sunday 07 Feb 2021 at 09:31

Confidence: High for very cold conditions this week with a few snow showers early in the week. Lower confidence on Friday as weather fronts try to make progress from the southwest.

Headline for Monday 08 Feb 2021: Very cold with a few snow showers. Strong winds and severe wind chill.

Mountain weather hazards on Monday 08 Feb 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Light snow showers	Light snow showers	Cloudy	Light snow showers (night)
Precipitation probability							
30%	30%	30%	40%	40%	40%	40%	40%

Forecast for Monday 08 Feb 2021

Weather: Bright or clear intervals and a few snow showers, the showers mainly in the east. Further light accumulations expected. Bitterly cold at all levels with severe wind chill.

Chance of cloud free mountain/hill tops above 800m: 60% in east, 80% in west.

Visibility: Very good for most of the time. Showers will give brief spells of poor visibility with occasional patches of cloud above 500 or 600m, mainly in the east. Some blowing snow in the strong winds.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Monday 08 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	42/52 E	39/48 E	39/49 NE	39/50 NE	35/46 E	35/45 NE	36/46 NE	34/44 NE	34/43 NE
600	29/38 E	25/34 NE	26/35 NE	26/35 NE	28/39 E	27/37 NE	24/34 NE	23/33 NE	22/32 NE
300	10/30 E	8/27 NE	9/28 NE	10/29 NE	13/31 E	12/30 NE	9/26 NE	9/25 NE	9/25 NE
Valley	8/26 NE	8/23 NE	10/26 NE	10/27 NE	13/30 E	13/29 NE	10/25 NE	10/24 NE	10/24 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-7/-19	-7/-19	-7/-19	-8/-19	-7/-18	-7/-18	-8/-19	-8/-19	-8/-18
600	-5/-14	-5/-14	-5/-14	-5/-14	-4/-14	-4/-13	-5/-14	-5/-14	-5/-14
300	-2/-7	-2/-6	-2/-7	-2/-7	-1/-7	-1/-6	-2/-7	-3/-7	-3/-8
Valley	-0/-4	-0/-4	-1/-5	-0/-5	1/-4	1/-4	-1/-5	-1/-5	-1/-6
Freezing Level*	00m	00m	00m	00m	00m	00m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Very cold conditions at all levels. With severe wind chill and blowing snow, extra facial coverings and goggles recommended.

Forecast for Tuesday 09 Feb 2021

Weather: Bright or clear intervals and isolated snow showers, the showers mainly in the east. Further light accumulations expected. Bitterly cold at all levels with severe wind chill.

Maximum wind: East or NE 20-30mph gusts 40mph.

Chance of cloud free mountain/hill tops above 800m: 60% in east, 80% in west.

Visibility: Very good for most of the time. Showers will give brief spells of poor visibility with occasional patches of cloud above 500 or 600m, mainly in the east. Some blowing snow in the strong winds.

Temperature: **Valleys:** Minus 2C rising to Plus 1C.
At 800m: Minus 6C.
Freezing level: Ground frozen at all levels.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Sunday 7 February. Location: Helvellyn summit at 13:00. We are continuing to provide the Fell Top Reports for people undertaking their daily local exercise during the lockdown. We would like to remind everyone that Government guidance stipulates that people should only exercise locally to where they live. The high fells of the Lake District are currently in full winter condition with significant amounts of snow on all aspects although the western fells appear to have less coverage. Crampons & ice axe are essential for anyone venturing above the snowline. The snow level is now around 400m on Helvellyn but there were significant patches of ice on paths below this altitude. The snow is beginning to consolidate and stabilise in the colder temperatures. Generally there is a breakable crust over calf to knee deep snow which will sometimes hold bodyweight but overall makes for very slow going. Where walkers feet have compressed the snow the going is easier but icier. Striding & Swirral Edges are both buried under deep snow with a few protruding rocks on which rime ice was actively forming above 850m. There has been a significant amount of avalanche activity in the last few days with multiple tracks noted in all the high Helvellyn corries. However the snowpack is now beginning to refreeze and stabilise. The exit slopes to both Edges were passable with careful route choice and the correct equipment. The forecasted low temperatures mean that the snowpack will become icier and more serious with the potential for long slides / falls. Full winter clothing and equipment including ice axe and crampons are essential for anyone venturing onto the fells. The depth of snow also means that many paths and obvious features are hidden so excellent navigation is critical. Goggles were very useful today to protect the eyes from the snow showers and grauphal but also to increase contrast when looking for hazards like cornices and cliff edges. Please be conservative with your plans and know both your limits and also when to turn back. A pandemic is not the time to be pushing your comfort zone. Temperature: minus 7.0C, Maximum wind speed 61.1mph, Wind chill: minus 23.0C, Average wind speed: 50.4mph.

Issued at: 1700 on Sun 07 Feb 2021

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